

**Amendments to the Specification:**

Please replace the paragraph beginning at page 11, line 13, with the following rewritten paragraph:

Fig. 2A illustrates a database record of an amino acid sequence (SEQ ID NO:1) and multidimensional organizational descriptors for a molecular target according to one embodiment of the present invention.

Please add the following text starting on a new page after the last page of the specification, which is currently page 262:

SEQUENCE LISTING

<110> Manyak, David M  
Zeppetello, Renee A  
Chen, Hao  
Weissman, Arthur D  
Lang, Garry L

<120> Receptor Selectivity Mapping

<130> 06695.0003 (9400-8000)

<140> 09/558,232  
<141> 2000-04-26

<150> 60/008,660  
<151> 1995-12-15

<160> 1

<170> PatentIn version 3.3

<210> 1  
<211> 247  
<212> PRT  
<213> Halobacterium salinarum

<220>  
<221> misc\_feature  
<222> (1)..(1)

<223> Xaa can be any naturally occurring amino acid

<400> 1

Xaa	Ala	Gln	Ile	Thr	Gly	Arg	Pro	Glu	Trp	Ile	Trp	Leu	Ala	Leu	Gly
1				5					10					15	

Thr	Ala	Leu	Met	Gly	Leu	Gly	Thr	Leu	Tyr	Phe	Leu	Val	Lys	Gly	Met
			20					25					30		

Gly	Val	Ser	Asp	Pro	Asp	Ala	Lys	Lys	Phe	Tyr	Ala	Ile	Thr	Thr	Leu
		35					40					45			

Val	Pro	Ala	Ile	Ala	Phe	Thr	Met	Tyr	Leu	Ser	Met	Leu	Leu	Gly	Tyr
	50					55					60				

Gly	Leu	Thr	Met	Val	Pro	Phe	Gly	Gly	Glu	Gln	Asn	Pro	Ile	Tyr	Trp
65					70					75					80

Ala	Arg	Tyr	Ala	Asp	Trp	Leu	Phe	Thr	Thr	Pro	Leu	Leu	Leu	Leu	Asp
				85					90					95	

Leu	Ala	Leu	Leu	Val	Asp	Ala	Asp	Gln	Gly	Thr	Ile	Leu	Ala	Leu	Val
			100					105					110		

Gly	Ala	Asp	Gly	Ile	Met	Ile	Gly	Thr	Gly	Leu	Val	Gly	Ala	Leu	Thr
		115					120					125			

Lys	Val	Tyr	Ser	Tyr	Arg	Phe	Val	Trp	Trp	Ala	Ile	Ser	Thr	Ala	Ala
	130					135					140				

Met	Leu	Tyr	Ile	Leu	Tyr	Val	Leu	Phe	Phe	Gly	Phe	Thr	Ser	Lys	Ala
145					150					155					160

Glu	Ser	Met	Arg	Pro	Glu	Val	Ala	Ser	Thr	Phe	Lys	Val	Leu	Arg	Asn
				165					170					175	

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Val Thr Val Val Leu Trp Ser Ala Tyr Pro Val Val Trp Leu Ile Gly  
180 185 190

Ser Glu Gly Ala Gly Ile Val Pro Leu Asn Ile Glu Thr Leu Leu Phe  
195 200 205

Met Val Leu Asp Val Ser Ala Lys Val Gly Phe Gly Leu Ile Leu Leu  
210 215 220

Arg Ser Arg Ala Ile Phe Gly Glu Ala Glu Ala Pro Glu Pro Ser Ala  
225 230 235 240

Asp Gly Ala Ala Ala Thr Ser  
245